Most Frequently Occurring Classifications of Patents Returned
From A Search of 10662799 on January 13, 2006

Original Classifications
```
19  707/3
18  715/513
15  707/100
14  707/102
11  707/4
 7  707/1
 7  707/10
 7  707/103R
 7  707/2
 6  707/104.1
 5  707/101
 5  707/5
 4  707/203
 4  707/6
 3  370/223
 3  540/200
 3  568/808
 3  717/137
 2  235/462.01
 2  332/103
 2  504/241
 2  514/531
 2  544/316
 2  704/9
 2  709/217
 2  709/225
 2  713/167
 2  713/176
 2  714/38
 2  715/501.1
 2  715/523
 2  715/762
 2  717/108
 2  726/9
```

Cross-Reference Classifications
```
27  715/513
23  707/3
21  707/100
21  707/102
21  707/104.1
19  707/101
17  707/4
14  707/10
 9  707/103R
 9  707/2
 7  707/5
 7  715/523
 6  707/1
 6  707/6
 6  709/217
 6  987/113
 5  707/200
 5  709/203
 5  715/514
 4  709/219
 3  544/336
 3  706/11
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3   706/911
3   707/203
3   709/223
3   709/226
3   709/229
3   709/246
3   713/170
3   713/176
3   715/501.1
3   715/515
3   715/516
3   715/517
3   715/530
3   715/533
3   717/114
3   717/141
2   235/380
2   235/487
2   332/146
2   369/275.3
2   370/258
2   380/273
2   380/277
2   380/286
2   380/44
2   382/305
2   514/532
2   544/224
2   544/335
2   546/101
2   546/110
2   546/143
2   546/247
2   546/339
2   549/23
2   549/26
2   549/27
2   549/280
2   549/288
2   549/404
2   549/497
2   549/78
2   560/105
2   560/124
2   560/18
2   560/8
2   568/808
2   705/14
2   705/26
2   705/404
2   705/51
2   705/71
2   705/75
2   705/76
2   706/53
2   706/917
2   707/204
2   707/205
2   707/7
2   707/8
2   707/9
2   709/201
2   709/218
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2   711/144
2   711/152
2   713/155
2   713/161
2   713/165
2   713/166
2   713/180
2   713/182
2   713/189
2   715/500
2   715/500.1
2   715/506
2   715/507
2   715/512
2   715/526
2   715/531
2   715/532
2   715/700
2   715/764
2   717/140
2   717/143
2   719/315
```

Combined Classifications
```
45   715/513
42   707/3
36   707/100
35   707/102
28   707/4
27   707/104.1
24   707/101
21   707/10
16   707/103R
16   707/2
13   707/1
12   707/5
10   707/6
 9   715/523
 8   709/217
 7   707/203
 6   709/203
 6   987/113
 5   568/808
 5   707/200
 5   713/176
 5   715/501.1
 5   715/514
 4   709/219
 4   709/226
 4   709/229
 4   715/515
 4   715/517
 4   715/530
 3   370/223
 3   540/200
 3   544/336
 3   560/124
 3   705/26
 3   706/11
 3   706/911
 3   707/204
 3   707/7
 3   707/8
```

```
3   709/223
3   709/225
3   709/246
3   713/170
3   715/500
3   715/516
3   715/531
3   715/533
3   715/762
3   717/114
3   717/137
3   717/141
3   717/143
2   235/380
2   235/462.01
2   235/487
2   332/103
2   332/146
2   369/275.3
2   370/258
2   380/273
2   380/277
2   380/286
2   380/44
2   382/305
2   504/241
2   514/183
2   514/256
2   514/531
2   514/532
2   544/224
2   544/316
2   544/333
2   544/335
2   546/101
2   546/110
2   546/143
2   546/247
2   546/339
2   548/154
2   548/181
2   548/562
2   549/23
2   549/26
2   549/27
2   549/280
2   549/288
2   549/404
2   549/497
2   549/78
2   552/8
2   560/105
2   560/18
2   560/8
2   703/6
2   704/9
2   705/14
2   705/404
2   705/51
2   705/7
2   705/71
2   705/75
2   705/76
```

```
2   706/45
2   706/53
2   706/917
2   707/205
2   707/9
2   709/201
2   709/218
2   709/228
2   711/144
2   711/152
2   711/202
2   711/203
2   713/155
2   713/161
2   713/165
2   713/166
2   713/167
2   713/180
2   713/182
2   713/189
2   714/26
2   714/38
2   715/500.1
2   715/506
2   715/507
2   715/512
2   715/522
2   715/526
2   715/532
2   715/700
2   715/751
2   715/764
2   717/108
2   717/122
2   717/140
2   719/315
2   726/9
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Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10662799 on January 13, 2006

45 715/513   (18 OR, 27 XR)
         Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                            DOCUMENT
         715/500   PRESENTATION PROCESSING OF DOCUMENT
         715/513   .Structured document (e.g., HTML, SGML, ODA,
                            CDA)

42 707/3   (19 OR, 23 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/1   DATABASE OR FILE ACCESSING
         707/3   .Query processing (i.e., searching)

36 707/100   (15 OR, 21 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/100   DATABASE SCHEMA OR DATA STRUCTURE

35 707/102   (14 OR, 21 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/100   DATABASE SCHEMA OR DATA STRUCTURE
         707/102   .Generating database or data structure (e.g.,
                            via user interface)

28 707/4   (11 OR, 17 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/1   DATABASE OR FILE ACCESSING
         707/3   .Query processing (i.e., searching)
         707/4   ..Query formulation, input preparation, or
                            translation

27 707/104.1   (6 OR, 21 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/100   DATABASE SCHEMA OR DATA STRUCTURE
         707/104.1   .Application of database or data structure
                            (e.g., distributed, multimedia, image)

24 707/101   (5 OR, 19 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/100   DATABASE SCHEMA OR DATA STRUCTURE
         707/101   .Manipulating data structure (e.g.,
                            compression, compaction, compilation)

21 707/10   (7 OR, 14 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/1   DATABASE OR FILE ACCESSING
         707/10   .Distributed or remote access

16 707/103R   (7 OR, 9 XR)
         Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
         707/100   DATABASE SCHEMA OR DATA STRUCTURE
         707/103R   .Object-oriented database structure

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16  707/2        (7 OR, 9 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                           MANAGEMENT OR DATA STRUCTURES
        707/1              DATABASE OR FILE ACCESSING
        707/2              .Access augmentation or optimizing

13  707/1        (7 OR, 6 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                           MANAGEMENT OR DATA STRUCTURES
        707/1              DATABASE OR FILE ACCESSING

12  707/5        (5 OR, 7 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                           MANAGEMENT OR DATA STRUCTURES
        707/1              DATABASE OR FILE ACCESSING
        707/3              .Query processing (i.e., searching)
        707/5              ..Query augmenting and refining (e.g., inexact
                             access)

10  707/6        (4 OR, 6 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                           MANAGEMENT OR DATA STRUCTURES
        707/1              DATABASE OR FILE ACCESSING
        707/3              .Query processing (i.e., searching)
        707/6              ..Pattern matching access

 9  715/523      (2 OR, 7 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                           DOCUMENT
        715/500            PRESENTATION PROCESSING OF DOCUMENT
        715/517            .Layout
        715/523            ..Format transformation

 8  709/217      (2 OR, 6 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/217            REMOTE DATA ACCESSING

 7  707/203      (4 OR, 3 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                           MANAGEMENT OR DATA STRUCTURES
        707/200            FILE OR DATABASE MAINTENANCE
        707/201            .Coherency (e.g., same view to multiple users)

        707/203            ..Version management

 6  709/203      (1 OR, 5 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/201            DISTRIBUTED DATA PROCESSING
        709/203            .Client/server

 6  987/113      (0 OR, 6 XR)
        Class   987 :  ORGANIC COMPOUNDS CONTAINING A Bi, Sb, As, OR
                           P ATOM OR CONTAINING A METAL ATOM OF THE 6TH    TO 8TH
GROUP
                           OF THE PERIODIC SYSTEM
        987/30             PHOSPHORUS COMPOUNDS (9/02; 9/06)
        987/110            .Quaternary phosphonium compounds (C)a-P-(H)b
                             wherein a+b=4, a=1-4, b=1-3, (9/54; 9/54A1; 9/54A1+W;
                             9/54A1+W2)
        987/113            ..Contains the structure (aryl group*)-P where
                             * indicates a direct bond between a carbon of the aryl
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ring

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5  568/808       (3 OR, 2 XR)
        Class    568 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                            532-570 SERIES
        568/300          .OXYGEN CONTAINING (E.G., PERCHLORYLBENZENE,
                            ETC.)
        568/700          ..Hydroxy containing (H of -OH may be replaced
                            by a Group IA or IIA light metal)
        568/715          ...Benzene ring containing
        568/807          ....Additional ring containing
        568/808          .....Polycyclo ring system

5  707/200       (0 OR, 5 XR)
        Class    707 :  DATA PROCESSING:  DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
        707/200          FILE OR DATABASE MAINTENANCE

5  713/176       (2 OR, 3 XR)
        Class    713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS:  SUPPORT
        713/150          MULTIPLE COMPUTER COMMUNICATION USING
                            CRYPTOGRAPHY
        713/168          .Particular communication authentication
                            technique
        713/176          ..Authentication by digital signature
                            representation or digital watermark

5  715/501.1     (2 OR, 3 XR)
        Class    715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                            DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/501.1        .Hypermedia

5  715/514       (0 OR, 5 XR)
        Class    715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                            DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/514          .Hierarchical control

4  709/219       (0 OR, 4 XR)
        Class    709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/217          REMOTE DATA ACCESSING
        709/219          .Accessing a remote server

4  709/226       (1 OR, 3 XR)
        Class    709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/223          COMPUTER NETWORK MANAGING
        709/226          .Network resource allocating

4  709/229       (1 OR, 3 XR)
        Class    709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/227          COMPUTER-TO-COMPUTER SESSION/CONNECTION
                            ESTABLISHING
        709/229          .Network resources access controlling

4  715/515       (1 OR, 3 XR)
        Class    715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                            DOCUMENT
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          715/500        PRESENTATION PROCESSING OF DOCUMENT
          715/514        .Hierarchical control
          715/515        ..Compound document

    4  715/517        (1 OR, 3 XR)
          Class    715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                             DOCUMENT
          715/500        PRESENTATION PROCESSING OF DOCUMENT
          715/517        .Layout

    4  715/530        (1 OR, 3 XR)
          Class    715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                             DOCUMENT
          715/500        PRESENTATION PROCESSING OF DOCUMENT
          715/530        .Edit, composition, or storage control

    3  370/223        (3 OR, 0 XR)
          Class    370 :  MULTIPLEX COMMUNICATIONS
          370/216        FAULT RECOVERY
          370/221        .Bypass an inoperative station
          370/222        ..In a ring or loop network
          370/223        ...Using a secondary ring or loop

    3  540/200        (3 OR, 0 XR)
          Class    540 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
          540/1          .HETEROCYCLIC CARBON COMPOUNDS CONTAINING A
                             HETERO RING HAVING CHALCOGEN (I.E., OXYGEN, SULFUR,
                             SELENIUM OR TELLURIUM) OR NITROGEN AS THE ONLY RING
HETERO
                             ATOMS
          540/200        ..Hetero ring is four-membered containing
                             nitrogen and having chalcogen double bonded directly to a
                             ring carbon which is adjacent to the ring nitrogen

    3  544/336        (0 OR, 3 XR)
          Class    544 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
          544/1          ..Hetero ring is six-membered having two or
                             more ring hetero atoms of which at least one is
nitrogen
                             (e.g., selenazines, etc.)
          544/224        ...The six-membered hetero ring consists of two
                             nitrogens and four carbons (e.g., 1,2-diazines, etc.)
          544/336        ....1,4-diazines

    3  560/124        (1 OR, 2 XR)
          Class    560 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
          560/1          .Carboxylic acid esters
          560/124        ..Cyclopropyl in acid moiety

    3  705/26         (1 OR, 2 XR)
          Class    705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                             PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
          705/1          AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                             PRACTICE OR MANAGEMENT ARRANGEMENT
          705/26         .Electronic shopping (e.g., remote ordering)

    3  706/11         (0 OR, 3 XR)
          Class    706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
          706/11         HAVING PARTICULAR USER INTERFACE
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3  706/911        (0 OR, 3 XR)
       Class   706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
       706/902         APPLICATION USING AI WITH DETAIL OF THE AI
                          SYSTEM
       706/911         .Nonmedical diagnostics

3  707/204        (1 OR, 2 XR)
       Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
       707/200         FILE OR DATABASE MAINTENANCE
       707/201         .Coherency (e.g., same view to multiple users)

       707/204         ..Archiving or backup

3  707/7          (1 OR, 2 XR)
       Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
       707/1           DATABASE OR FILE ACCESSING
       707/7           .Sorting

3  707/8          (1 OR, 2 XR)
       Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
       707/1           DATABASE OR FILE ACCESSING
       707/8           .Concurrency (e.g., lock management in shared
                          database)

3  709/223        (0 OR, 3 XR)
       Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
       709/223         COMPUTER NETWORK MANAGING

3  709/225        (2 OR, 1 XR)
       Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
       709/223         COMPUTER NETWORK MANAGING
       709/225         .Computer network access regulating

3  709/246        (0 OR, 3 XR)
       Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
       709/246         COMPUTER-TO-COMPUTER DATA MODIFYING

3  713/170        (0 OR, 3 XR)
       Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  SUPPORT
       713/150         MULTIPLE COMPUTER COMMUNICATION USING
                          CRYPTOGRAPHY
       713/168         .Particular communication authentication
                          technique
       713/170         ..Authentication of an entity and a message

3  715/500        (1 OR, 2 XR)
       Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
       715/500         PRESENTATION PROCESSING OF DOCUMENT

3  715/516        (0 OR, 3 XR)
       Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
       715/500         PRESENTATION PROCESSING OF DOCUMENT
       715/514         .Hierarchical control
       715/515         ..Compound document
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            715/516        ...Matching application process to displayed
                              data type

3  715/531        (1 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500        PRESENTATION PROCESSING OF DOCUMENT
        715/530        .Edit, composition, or storage control
        715/531        ..Text

3  715/533        (0 OR, 3 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500        PRESENTATION PROCESSING OF DOCUMENT
        715/530        .Edit, composition, or storage control
        715/531        ..Text
        715/533        ...Spell Check

3  715/762        (2 OR, 1 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/700        OPERATOR INTERFACE (E.G., GRAPHICAL USER
                          INTERFACE)
        715/762        .User interface development (e.g., GUI builder)


3  717/114        (0 OR, 3 XR)
        Class   717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                          INSTALLATION, AND MANAGEMENT
        717/100        SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                          INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
        717/114        .Programming language

3  717/137        (3 OR, 0 XR)
        Class   717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                          INSTALLATION, AND MANAGEMENT
        717/100        SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                          INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
        717/136        .Translation of code
        717/137        ..Source-to-source programming language
                          translation

3  717/141        (0 OR, 3 XR)
        Class   717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                          INSTALLATION, AND MANAGEMENT
        717/100        SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                          INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
        717/136        .Translation of code
        717/140        ..Compiling code
        717/141        ...Analysis of code form

3  717/143        (1 OR, 2 XR)
        Class   717 :  DATA PROCESSING: SOFTWARE DEVELOPMENT,
                          INSTALLATION, AND MANAGEMENT
        717/100        SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                          INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)

        717/136        .Translation of code
        717/140        ..Compiling code
        717/141        ...Analysis of code form
        717/143        ....Parsing, syntax analysis, and semantic
                          analysis
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2  235/380      (0 OR, 2 XR)
        Class   235 :  REGISTERS
        235/375         SYSTEMS CONTROLLED BY DATA BEARING RECORDS
        235/380         .Credit or identification card systems

2  235/462.01   (2 OR, 0 XR)
        Class   235 :  REGISTERS
        235/435         CODED RECORD SENSORS
        235/439         .Particular sensor structure
        235/454         ..Optical
        235/462.01      ...Bar code

2  235/487      (0 OR, 2 XR)
        Class   235 :  REGISTERS
        235/487         RECORDS

2  332/103      (2 OR, 0 XR)
        Class   332 :  MODULATORS
        332/103         PHASE SHIFT KEYING MODULATOR OR QUADRATURE
                            AMPLITUDE MODULATOR

2  332/146      (0 OR, 2 XR)
        Class   332 :  MODULATORS
        332/144         PHASE MODULATOR
        332/146         .Including discrete semiconductor device

2  369/275.3    (0 OR, 2 XR)
        Class   369 :  DYNAMIC INFORMATION STORAGE OR RETRIEVAL
        369/272.1       STORAGE MEDIUM STRUCTURE
        369/275.1       .Optical track structure (e.g., phase or
                            diffracting structure, etc.)
        369/275.3       ..Track data format/layout

2  370/258      (0 OR, 2 XR)
        Class   370 :  MULTIPLEX COMMUNICATIONS
        370/254         NETWORK CONFIGURATION DETERMINATION
        370/257         .In a bus system
        370/258         ..In a ring system

2  380/273      (0 OR, 2 XR)
        Class   380 :  CRYPTOGRAPHY
        380/255         COMMUNICATION SYSTEM USING CRYPTOGRAPHY
        380/270         .Wireless communication
        380/273         ..Rekeying system

2  380/277      (0 OR, 2 XR)
        Class   380 :  CRYPTOGRAPHY
        380/277         KEY MANAGEMENT

2  380/286      (0 OR, 2 XR)
        Class   380 :  CRYPTOGRAPHY
        380/277         KEY MANAGEMENT
        380/286         .Key escrow or recovery

2  380/44       (0 OR, 2 XR)
        Class   380 :  CRYPTOGRAPHY
        380/277         KEY MANAGEMENT
        380/44          .Having particular key generator

2  382/305      (0 OR, 2 XR)
        Class   382 :  IMAGE ANALYSIS
        382/276         IMAGE TRANSFORMATION OR PREPROCESSING
        382/305         .Image storage or retrieval
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  2  504/241        (2 OR, 0 XR)
         Class   504 :  PLANT PROTECTING AND REGULATING COMPOSITIONS

         504/116.1       PLANT GROWTH REGULATING COMPOSITIONS (E.G.,
                             HERBICIDES, ETC.)
         504/189         .Organic active compound containing
         504/209         ..Hetero ring containing
         504/235         ...Hetero ring is six-membered consisting of
                             two nitrogens and four carbons (e.g., 1,4-diazines,
etc.)

         504/239         ....1,3-diazines (including hydrogenated)
         504/240         .....Polycyclo ring system having the diazine
                             ring as one of the cyclos
         504/241         ......Three or more ring hetero atoms in the
                             polycyclo ring system

  2  514/183        (1 OR, 1 XR)
         Class   514 :  DRUG, BIO-AFFECTING AND BODY TREATING
                             COMPOSITIONS
         514/1           DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING
                             (DOAI)
         514/183         .Heterocyclic carbon compounds containing a
                             hetero ring having chalcogen (i.e., O,S,Se or Te) or
                             nitrogen as the only ring hetero atoms DOAI

  2  514/256        (1 OR, 1 XR)
         Class   514 :  DRUG, BIO-AFFECTING AND BODY TREATING
                             COMPOSITIONS
         514/1           DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING
                             (DOAI)
         514/183         .Heterocyclic carbon compounds containing a
                             hetero ring having chalcogen (i.e., O,S,Se or Te) or
                             nitrogen as the only ring hetero atoms DOAI
         514/247         ..Hetero ring is six-membered consisting of two
                             nitrogens and four carbon atoms (e.g., pyridazines,
etc.)

         514/256         ...1,3-diazines (e.g., pyrimidines, etc.)

  2  514/531        (2 OR, 0 XR)
         Class   514 :  DRUG, BIO-AFFECTING AND BODY TREATING
                             COMPOSITIONS
         514/266.24      ........The additional hetero ring consists of
                             carbon  and chalcogen as the only ring members
         514/506         .Ester DOAI
         514/529         ..Z-C(=O)-O-Y wherein Z is hydrogen or an
                             organic radical bonded to the C(=O) by a carbon and Y is
an
                             organic radical bonded to the oxygen by a carbon
         514/531         ...Z contains a cyclopropyl or cyclopropene
                             ring

  2  514/532        (0 OR, 2 XR)
         Class   514 :  DRUG, BIO-AFFECTING AND BODY TREATING
                             COMPOSITIONS
         514/266.24      ........The additional hetero ring consists of
                             carbon  and chalcogen as the only ring members
         514/506         .Ester DOAI
         514/529         ..Z-C(=O)-O-Y wherein Z is hydrogen or an
                             organic radical bonded to the C(=O) by a carbon and Y is
an
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                          organic radical bonded to the oxygen by a carbon
           514/532        ...Z-C(=O)-O-Y, wherein Z contains a benzene
                          ring

  2  544/224        (0 OR, 2 XR)
           Class    544 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                          532-570 SERIES
           544/1            ..Hetero ring is six-membered having two or
                            more ring hetero atoms of which at least one is nitrogen
                            (e.g., selenazines, etc.)
           544/224          ...The six-membered hetero ring consists of two
                            nitrogens and four carbons (e.g., 1,2-diazines, etc.)


  2  544/316        (2 OR, 0 XR)
           Class    544 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                          532-570 SERIES
           544/1            ..Hetero ring is six-membered having two or
                              more ring hetero atoms of which at least one is
nitrogen
                              (e.g., selenazines, etc.)
           544/224          ...The six-membered hetero ring consists of two
                            nitrogens and four carbons (e.g., 1,2-diazines, etc.)

           544/242          ....1,3-diazines
           544/298          .....Chalcogen bonded directly to diazine ring
                            carbon
           544/315          ......At 2-position
           544/316          .......Nitrogen attached directly or indirectly
                            to the diazine ring by nonionic bonding

  2  544/333        (1 OR, 1 XR)
           Class    544 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                          532-570 SERIES
           544/1            ..Hetero ring is six-membered having two or
                              more ring hetero atoms of which at least one is
nitrogen
                              (e.g., selenazines, etc.)
           544/224          ...The six-membered hetero ring consists of two
                            nitrogens and four carbons (e.g., 1,2-diazines, etc.)
           544/242          ....1,3-diazines
           544/333          .....Additional hetero ring which is
                            unsaturated

  2  544/335        (0 OR, 2 XR)
           Class    544 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                          532-570 SERIES
           544/1            ..Hetero ring is six-membered having two or
                            more ring hetero atoms of which at least one is
nitrogen
                            (e.g., selenazines, etc.)
           544/224          ...The six-membered hetero ring consists of two
                            nitrogens and four carbons (e.g., 1,2-diazines, etc.)
           544/242          ....1,3-diazines
           544/335          .....Chalcogen attached indirectly to the
                            diazine ring by nonionic bonding

  2  546/101        (0 OR, 2 XR)
           Class    546 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                          532-570 SERIES
           546/1            ..Hetero ring is six-membered consisting of one
                            nitrogen and five carbons
           546/26           ...Polycyclo ring system having the
                            six-membered hetero ring as one of the cyclos
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        546/79          ....Tricyclo ring system having the
                             six-membered hetero ring as one of the cyclos
        546/101         .....Each of the three cyclos is six-membered
                             (e.g., benzoquinolines, etc.)

  2  546/110      (0 OR, 2 XR)
        Class    546 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
        546/1           ..Hetero ring is six-membered consisting of one
                             nitrogen and five carbons
        546/26          ...Polycyclo ring system having the
                             six-membered hetero ring as one of the cyclos
        546/79          ....Tricyclo ring system having the
                             six-membered hetero ring as one of the cyclos
        546/101         .....Each of the three cyclos is six-membered
                             (e.g., benzoquinolines, etc.)
        546/110         ......Chalcogen or -C(=X)-, wherein X is
                             chalcogen, attached directly to the six membered hetero
                             ring by nonionic bonding

  2  546/143      (0 OR, 2 XR)
        Class    546 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
        546/1           ..Hetero ring is six-membered consisting of one
                             nitrogen and five carbons
        546/26          ...Polycyclo ring system having the
                             six-membered hetero ring as one of the cyclos
        546/112         ....Bicyclo ring system having the six-membered
                             hetero ring as one of the cyclos
        546/139         .....Isoquinolines (including hydrogenated)
        546/143         ......Nitrogen, other than as nitro or nitroso,
                             attached directly to the isoquinoline ring system by
                             nonionic bonding

  2  546/247      (0 OR, 2 XR)
        Class    546 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
        546/1           ..Hetero ring is six-membered consisting of one
                             nitrogen and five carbons
        546/184         ...Piperidines
        546/246         ....Nitrogen attached indirectly to the
                             piperidine ring by nonionic bonding
        546/247         .....Acyclic nitrogen bonded directly to a
                             -C(=X)- group, wherein X is chalcogen

  2  546/339      (0 OR, 2 XR)
        Class    546 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
        546/1           ..Hetero ring is six-membered consisting of one
                             nitrogen and five carbons
        546/339         ...Chalcogen attached indirectly to the
                             six-membered hetero ring by nonionic bonding (e.g.,
sulfato
                             betaines, etc.)

  2  548/154      (1 OR, 1 XR)
        Class    548 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                             532-570 SERIES
        548/100         ..Hetero ring is five-membered having two or
                             more ring hetero atoms of which at least one is
nitrogen
                             (e.g., selenazoles, etc.)
        548/146         ...1,3-thiazoles (including hydrogenated)
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        548/148      ....Polycyclo ring system having the thiazole
                         ring as one of the cyclos
        548/152      .....Bicyclo ring system having the thiazole
                         ring as one of the cyclos
        548/153      ......At least three ring hetero atoms in the
                         bicyclo ring system
        548/154      .......Ring nitrogen is shared by the two
                         cyclos

  2  548/181      (1 OR, 1 XR)
        Class   548 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                         532-570 SERIES
        548/100      ..Hetero ring is five-membered having two or
                         more ring hetero atoms of which at least one is
nitrogen
                         (e.g., selenazoles, etc.)
        548/146      ...1,3-thiazoles (including hydrogenated)
        548/181      ....Polycyclo heterocyclic ring system
                         containing ring nitrogen

  2  548/562      (1 OR, 1 XR)
        Class   548 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                         532-570 SERIES
        548/400      ..Hetero ring is five-membered consisting of
                         one nitrogen and four carbons (e.g., halopyrrolidines,
                         etc.)
        548/560      ...Two double bonds between ring members of the
                         five-membered hetero ring
        548/562      ....Chalcogen attached indirectly to the
                         five-membered hetero ring by acyclic nonionic bonding

  2  549/23       (0 OR, 2 XR)
        Class   549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                         532-570 SERIES
        549/1        ..Sulfur containing hetero ring (e.g.,
                         thiiranes, etc.)
        549/13       ...The hetero ring is six-membered
        549/23       ....Polycyclo ring system having the hetero
                         ring as one of the cyclos

  2  549/26       (0 OR, 2 XR)
        Class   549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                         532-570 SERIES
        549/1        ..Sulfur containing hetero ring (e.g.,
                         thiiranes, etc.)
        549/13       ...The hetero ring is six-membered
        549/23       ....Polycyclo ring system having the hetero
                         ring as one of the cyclos
        549/26       .....Tricyclo ring system having the hetero
                         ring as one of the cyclos

  2  549/27       (0 OR, 2 XR)
        Class   549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                         532-570 SERIES
        549/1        ..Sulfur containing hetero ring (e.g.,
                         thiiranes, etc.)
        549/13       ...The hetero ring is six-membered
        549/23       ....Polycyclo ring system having the hetero
                         ring as one of the cyclos
        549/26       .....Tricyclo ring system having the hetero
                         ring as one of the cyclos
        549/27       ......Chalcogen attached directly to the hetero
                         ring by nonionic bonding
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2  549/280      (0 OR, 2 XR)
        Class  549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                        532-570 SERIES
        549/200         ..Oxygen containing hetero ring (e.g.,
                            dioxirane, etc.)
        549/263         ...Lactones (i.e., -C(=X)O-, wherein X is
                            chalcogen, is part of the hetero ring)
        549/273         ....The lactone ring is six-membered
        549/275         .....Polycyclo ring system having the lactone
                            ring as one of the cyclos
        549/280         ......Tricyclo ring system having the lactone
                            ring as one of the cyclos

2  549/288      (0 OR, 2 XR)
        Class  549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                        532-570 SERIES
        549/200         ..Oxygen containing hetero ring (e.g.,
                            dioxirane, etc.)
        549/263         ...Lactones (i.e., -C(=X)O-, wherein X is
                            chalcogen, is part of the hetero ring)
        549/273         ....The lactone ring is six-membered
        549/275         .....Polycyclo ring system having the lactone
                            ring as one of the cyclos
        549/283         ......Bicyclo ring system having the lactone
                            ring as one of the cyclos
        549/288         .......Nitrogen bonded directly to the bicyclo
                            ring system

2  549/404      (0 OR, 2 XR)
        Class  549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                        532-570 SERIES
        549/200         ..Oxygen containing hetero ring (e.g.,
                            dioxirane, etc.)
        549/356         ...The hetero ring is six-membered
        549/381         ....Polycyclo ring system having the hetero
                            ring as one of the cyclos
        549/396         .....Bicyclo ring system having the hetero ring
                            as one of the cyclos
        549/398         ......The bicyclo ring system consists of the
                            hetero ring and a six-membered carbocyclic ring
        549/404         .......Nitrogen bonded directly to the bicyclo
                            ring system

2  549/497      (0 OR, 2 XR)
        Class  549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                        532-570 SERIES
        549/200         ..Oxygen containing hetero ring (e.g.,
                            dioxirane, etc.)
        549/429         ...The hetero ring is five-membered
        549/497         ....Chalcogen attached indirectly to the hetero
                            ring by nonionic bonding

2  549/78       (0 OR, 2 XR)
        Class  549 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                        532-570 SERIES
        549/1           ..Sulfur containing hetero ring (e.g.,
                            thiiranes, etc.)
        549/29          ...The hetero ring is five-membered
        549/78          ....Chalcogen attached indirectly to the hetero
                            ring by nonionic bonding

2  552/8        (1 OR, 1 XR)
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        Class  552 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                      532-570 SERIES
        552/1         .Azides
        552/8         ..Benzene ring bonded directly to the azide
                        group

2  560/105         (0 OR, 2 XR)
        Class  560 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                      532-570 SERIES
        560/1         .Carboxylic acid esters
        560/8         ..Aromatic acid moiety
        560/103       ...Monocyclic acid moiety
        560/105       ....Carboxyl, not bonded directly to a ring, in
                         acid moiety

2  560/18          (0 OR, 2 XR)
        Class  560 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                      532-570 SERIES
        560/1         .Carboxylic acid esters
        560/8         ..Aromatic acid moiety
        560/9         ...Sulfur in acid moiety
        560/18        ....Ester function attached directly to a ring

2  560/8           (0 OR, 2 XR)
        Class  560 :  ORGANIC COMPOUNDS -- PART OF THE CLASS
                      532-570 SERIES
        560/1         .Carboxylic acid esters
        560/8         ..Aromatic acid moiety

2  703/6           (1 OR, 1 XR)
        Class  703 :  DATA PROCESSING:  STRUCTURAL DESIGN,
                      MODELING, SIMULATION, AND EMULATION
        703/6         SIMULATING NONELECTRICAL DEVICE OR SYSTEM

2  704/9           (2 OR, 0 XR)
        Class  704 :  DATA PROCESSING: SPEECH SIGNAL PROCESSING,
                      LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO
                      COMPRESSION/DECOMPRESSION
        704/1         LINGUISTICS
        704/9         .Natural language

2  705/14          (0 OR, 2 XR)
        Class  705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                      PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1         AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                        PRACTICE OR MANAGEMENT ARRANGEMENT
        705/14        .Distribution or redemption of coupon, or
                        incentive or promotion program

2  705/404         (0 OR, 2 XR)
        Class  705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                      PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/400       FOR COST/PRICE
        705/401       .Postage meter system
        705/404       ..Record keeping

2  705/51          (0 OR, 2 XR)
        Class  705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                      PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50        BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/51        .Usage protection of distributed data files
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2  705/7        (1 OR, 1 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/1           AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                        PRACTICE OR MANAGEMENT ARRANGEMENT
        705/7           .Operations research

2  705/71       (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/64          .Secure transaction (e.g., EFT/POS)
        705/71          ..Including key management

2  705/75       (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/64          .Secure transaction (e.g., EFT/POS)
        705/75          ..Transaction verification

2  705/76       (0 OR, 2 XR)
        Class   705 :  DATA PROCESSING: FINANCIAL, BUSINESS
                        PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION
        705/50          BUSINESS PROCESSING USING CRYPTOGRAPHY
        705/64          .Secure transaction (e.g., EFT/POS)
        705/76          ..Electronic credential

2  706/45       (1 OR, 1 XR)
        Class   706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
        706/45          KNOWLEDGE PROCESSING SYSTEM

2  706/53       (0 OR, 2 XR)
        Class   706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
        706/45          KNOWLEDGE PROCESSING SYSTEM
        706/46          .Knowledge representation and reasoning
                          technique
        706/53          ..Frame-based reasoning system

2  706/917      (0 OR, 2 XR)
        Class   706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
        706/902         APPLICATION USING AI WITH DETAIL OF THE AI
                          SYSTEM
        706/911         .Nonmedical diagnostics
        706/917         ..Communication

2  707/205      (0 OR, 2 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/200         FILE OR DATABASE MAINTENANCE
        707/205         .File allocation

2  707/9        (0 OR, 2 XR)
        Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/1           DATABASE OR FILE ACCESSING
        707/9           .Privileged access

2  709/201      (0 OR, 2 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COORDINATING
        709/201         DISTRIBUTED DATA PROCESSING
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2  709/218      (0 OR, 2 XR)
      Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS   COORDINATING
      709/217           REMOTE DATA ACCESSING
      709/218           .Using interconnected networks

2  709/228      (1 OR, 1 XR)
      Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS   COORDINATING
      709/227           COMPUTER-TO-COMPUTER SESSION/CONNECTION
                          ESTABLISHING
      709/228           .Session/connection parameter setting

2  711/144      (0 OR, 2 XR)
      Class   711 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MEMORY
      711/100           STORAGE ACCESSING AND CONTROL
      711/117           .Hierarchical memories
      711/118           ..Caching
      711/141           ...Coherency
      711/144           ....Cache status data bit

2  711/152      (0 OR, 2 XR)
      Class   711 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MEMORY
      711/100           STORAGE ACCESSING AND CONTROL
      711/147           .Shared memory area
      711/152           ..Memory access blocking

2  711/202      (1 OR, 1 XR)
      Class   711 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MEMORY
      711/200           ADDRESS FORMATION
      711/202           .Address mapping (e.g., conversion,
                          translation)

2  711/203      (1 OR, 1 XR)
      Class   711 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MEMORY
      711/200           ADDRESS FORMATION
      711/202           .Address mapping (e.g., conversion,
                          translation)
      711/203           ..Virtual addressing

2  713/155      (0 OR, 2 XR)
      Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  SUPPORT
      713/150           MULTIPLE COMPUTER COMMUNICATION USING
                          CRYPTOGRAPHY
      713/155           .Central trusted authority provides computer
                          authentication

2  713/161      (0 OR, 2 XR)
      Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  SUPPORT
      713/150           MULTIPLE COMPUTER COMMUNICATION USING
                          CRYPTOGRAPHY
      713/160           .Packet header designating cryptographically
                          protected data
      713/161           ..Data authentication

2  713/165      (0 OR, 2 XR)
      Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
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                     SYSTEMS:  SUPPORT
        713/150      MULTIPLE COMPUTER COMMUNICATION USING
                        CRYPTOGRAPHY
        713/164      .Security kernel or utility
        713/165      ..File protection

2  713/166      (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS:  SUPPORT
        713/150      MULTIPLE COMPUTER COMMUNICATION USING
                        CRYPTOGRAPHY
        713/164      .Security kernel or utility
        713/166      ..Security levels

2  713/167      (2 OR, 0 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS:  SUPPORT
        713/150      MULTIPLE COMPUTER COMMUNICATION USING
                        CRYPTOGRAPHY
        713/164      .Security kernel or utility
        713/167      ..Object protection

2  713/180      (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS:  SUPPORT
        713/150      MULTIPLE COMPUTER COMMUNICATION USING
                        CRYPTOGRAPHY
        713/168      .Particular communication authentication
                        technique
        713/180      ..Generating specific digital signature type
                        (e.g., blind, shared, or undeniable)

2  713/182      (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS:  SUPPORT
        713/182      SYSTEM ACCESS CONTROL BASED ON USER
                        IDENTIFICATION BY CRYPTOGRAPHY

2  713/189      (0 OR, 2 XR)
        Class   713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS:  SUPPORT
        713/189      DATA PROCESSING PROTECTION USING CRYPTOGRAPHY


2  714/26      (1 OR, 1 XR)
        Class   714 :  ERROR DETECTION/CORRECTION AND FAULT
                        DETECTION/RECOVERY
        714/100      DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

        714/1        .Reliability and availability
        714/25       ..Fault locating (i.e., diagnosis or testing)

        714/26       ...Artificial intelligence (e.g., diagnostic
                        expert system)

2  714/38      (2 OR, 0 XR)
        Class   714 :  ERROR DETECTION/CORRECTION AND FAULT
                        DETECTION/RECOVERY
        714/100      DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

        714/1        .Reliability and availability
        714/25       ..Fault locating (i.e., diagnosis or testing)
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        714/37           ...Analysis (e.g., of output, state, or design)

        714/38           ....Of computer software

2  715/500.1   (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/500.1        .Synchronization of diverse media

2  715/506     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/505          .Form
        715/506          ..Form creation

2  715/507     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/505          .Form
        715/507          ..Form filling

2  715/512     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/512          .Annotation control

2  715/522     (1 OR, 1 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/517          .Layout
        715/522          ..Format information in separate file

2  715/526     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/526          .Display processing

2  715/532     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/500          PRESENTATION PROCESSING OF DOCUMENT
        715/530          .Edit, composition, or storage control
        715/531          ..Text
        715/532          ...Dictionary

2  715/700     (0 OR, 2 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/700          OPERATOR INTERFACE (E.G., GRAPHICAL USER
                          INTERFACE)

2  715/751     (1 OR, 1 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                          DOCUMENT
        715/700          OPERATOR INTERFACE (E.G., GRAPHICAL USER
                          INTERFACE)
        715/751          .Computer supported collaborative work between
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2 715/764   (0 OR, 2 XR)
    Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                     DOCUMENT
    715/700   OPERATOR INTERFACE (E.G., GRAPHICAL USER
                     INTERFACE)
    715/764   .On-screen workspace or object

2 717/108   (2 OR, 0 XR)
    Class   717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
                     INSTALLATION, AND MANAGEMENT
    717/100   SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                     INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
    717/106   .Code generation
    717/108   ..Object oriented

2 717/122   (1 OR, 1 XR)
    Class   717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
                     INSTALLATION, AND MANAGEMENT
    717/100   SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                     INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
    717/120   .Managing software components
    717/122   ..Source code version

2 717/140   (0 OR, 2 XR)
    Class   717 : DATA PROCESSING: SOFTWARE DEVELOPMENT,
                     INSTALLATION, AND MANAGEMENT
    717/100   SOFTWARE PROGRAM DEVELOPMENT TOOL (E.G.,
                     INTEGRATED CASE TOOL OR STAND-ALONE DEVELOPMENT TOOL)
    717/136   .Translation of code
    717/140   ..Compiling code

2 719/315   (0 OR, 2 XR)
    Class   719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                     SYSTEMS: INTERPROGRAM COMMUNICATION OR INTERPROCESS
                     COMMUNICATION (IPC)
    719/313   INTERPROGRAM COMMUNICATION USING MESSAGE
    719/315   .Object oriented message

2 726/9   (2 OR, 0 XR)
    Could not find class title.
    Could not find class schedule.
    Could not find subclass title.